



**Massachusetts Department of Environmental Protection**  
**Bureau of Resource Protection – Watershed Permitting Program**  
**Sanitary Sewer Overflow (SSO)/Bypass**  
**Notification Form**

FOR DEP USE ONLY

Tax Identification Number

**A. Reporting Facility**

1. Facility Information

Hull, MA WPCF

MA0101231

Reporting Sewer Authority

Permit #

2. Authorized Representative Transmitting Form:

Aram

Varjabedian

781-925-0906

First Name

Last Name

Telephone No.

Plant Manager

avarjabedian@woodardcurran.com

Title

E-mail Address

**B. Phone Notifications:**

1. MassDEP staff contacted:

Contacted By Email

David

First Name

Burns

Last Name

Date/Time contacted:

02/26/2018 10:48 AM

Contacted by:

2. EPA staff contacted:

Contacted by: Email

David

First Name

Turin

Last Name

Date/Time EPA contacted:

02/26/2018 10:48 AM

3. Board of Health contacted:

Contacted by: Email

Joyce

First Name

Sullivan

Last Name

Date/Time contacted:

02/26/2018 10:48 AM

4. Others notified:

Harbormaster / Shellfish Warden - Kurt Bornheim, Division of Marine Fisheries - Ryan  
Joyce, Hull Conservation Agent - Chris Krahforst, DPW Director - Jim Dow, Town  
Manager - Philip Lemnios

Contacted by: Email

Comments Preliminary SSO notification by email to all.



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**C. SSO Information**

1. SSO Discovered:

By: James Dinapoli

Date and Time 01/25/2018 01:50 PM

2. SSO Stopped Date and Time

02/25/2018 05:00 PM [approx time]

3. SSO Discharge from:

Backup into Property

Sanitary Manhole, Pump Station, Backup into property, Other - Specify Below

Specify: Back up into homeowners shower, reported by Jim Dinapoli [homeowner]

4. SSO Discharge to:

Backup into Property [contained within home]

Ground Surface, Direct to Receiving Water, Catch Basin to Receiving Water, Backup into Basement

Specify: \_\_\_\_\_

Location: 36 J Street, Hull, Ma

(Description of discharge site or closest address)

X,Y Coordinates **42.296263, -70.883045**

5. Estimated SSO Volume at time of this Report:

Based upon homeowners shower stall basin and spillage over it.

Method of Estimating Volume:

Other Specified Below

Other Method:

Homeowner estimate and shower sump capacity. The homeowner was not home after the system surcharge was pumped down, so the actual time that the SSO back-up was stopped is estimated.

6. Cause of SSO Event:

Sewer System Blockage

Rain Event, PS Failure, Insufficient Capacity in System, Treatment Unit failure, Sewer System Blockage, Pipe Collapse, Root Intrusion, Grease Blockage, Other

Specify: \_\_\_\_\_

7. Corrective Actions :

Inspection of all area sewers indicated blockage. Followed collection system manholes towards the pump station and found last manhole had no flow and this manhole had approximately 7 feet of liquid in it. Checked next upstream manhole and found this to be blocked. Set up portable 4-inch trash pump and pumped flow to the next downstream manhole. The pump operated for approximately two hours until a vactor truck arrived on site. The vactor truck jetted and vacuumed up the debris and cleared the sewer line. The pump station pumps had to be cleaned due to rag accumulation. All work was completed by approximately 8:15 p.m. All area sewers were inspected again and found to be normal with no backed up sewage.

Impact Area cleaned and/or disinfected: Yes

Corrective Actions Completed: Yes

Details:

No outside area impacted, but homeowner has initially cleaned their shower and adjacent area, and is coordinating with a clean up company to come in and clean the shower and affected area.

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**D. Comments/Attachments/Follow-up**

Additional comments and  
planned actions:

None planned at this time.

I wish to provide the following:

Attachement, Additional Comments

Attachement, Additional Comments, No Additional Comments or Attachments

Map

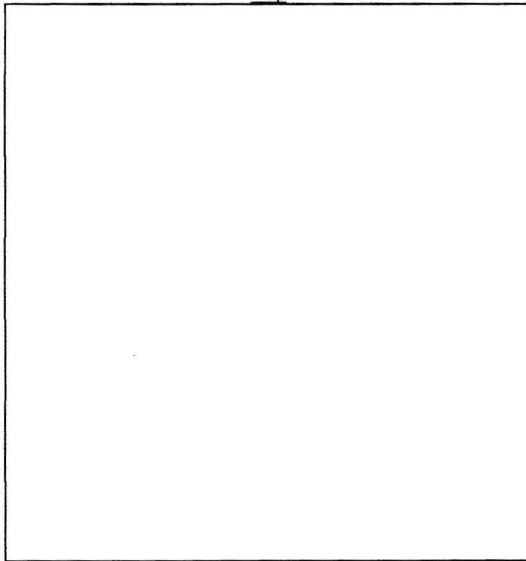


Photo 1

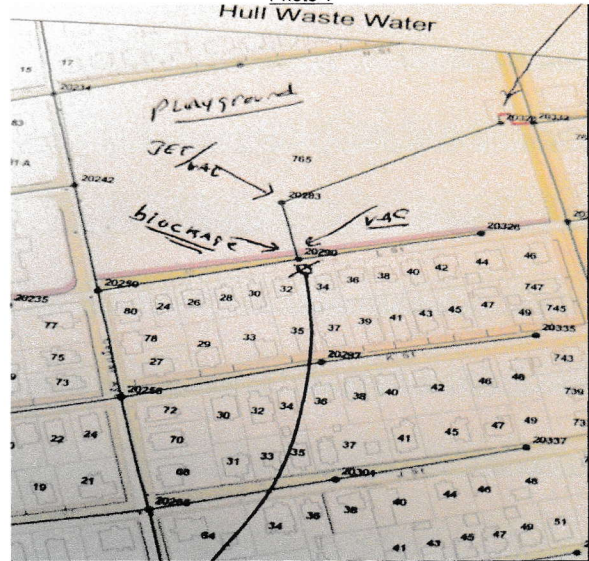
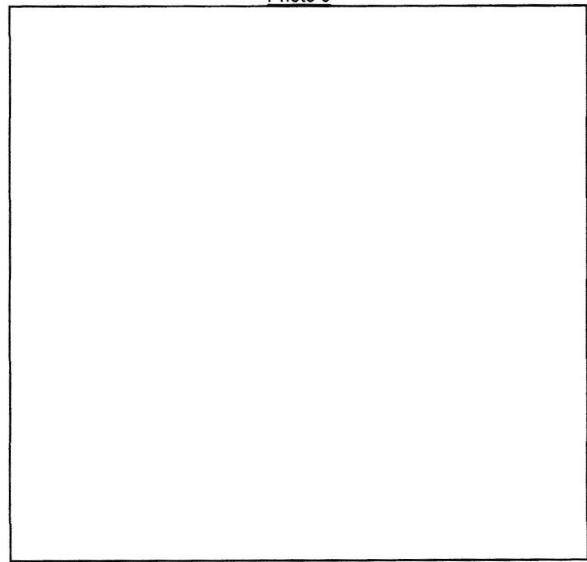


Photo 2



Photo 3





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**E. Certification Statement**

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
\_\_\_\_\_  
Signature of Authorized Representative

2/28/18  
\_\_\_\_\_  
Date Signed

Please keep a copy of this report for your records. When submitting additional information, include the MassDEP Incident Number from

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**MassDEP Regional Office and EPA Telephone and Fax Numbers:**

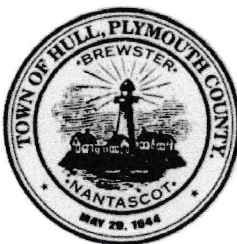
Northeast Phone: 978-694-3215  
Southeast Phone: 508-946-2750  
Central Rg Phone: 508-792-7650  
Western F Phone: 413-784-1100  
EPA Cont. Phone: 617-918-1870  
DEP 24-hr Phone: 888-304-1133

Fax: 978-694-3499  
Fax: 508-947-6557  
Fax: 508-792-7621  
Fax: 413-784-1149  
Fax: 617-918-0870



# Town of Hull Wastewater Treatment Plant

1111 Nantasket Avenue  
Hull, MA 02045  
(781) 925-1207



NPDES Permit #  
MA0101231

## Unauthorized Discharge Summary to Surface Waters 36 L Street [2-25-18]

**No Release to MS4, ground, wetland, or surface water**

Location (address or latitude and longitude);	<i>On SSO form</i>
Date and Time unauthorized discharge began;	<i>On SSO form</i>
Date and Time unauthorized discharge stopped;	<i>On SSO form</i>
Source of the notification (e.g., property owner, field crew, police);	<i>Property owner was the source – notified the “On-Call” pager.</i>
Type of asset from which the unauthorized discharge occurred (e.g., station, manhole, main);	<i>Manhole was blocked causing back up.</i>
Estimated gallons released;	<i>estimate &lt;25 gallons</i>
Method used to estimate volume;	<i>Discussion with homeowner and shower stall dimension. Calculated volume.</i>
Cause of the unauthorized discharge, (blockage or break; mechanical, electrical, or structural failures);	<i>Blockage in sewer line at MH 20290 on L Street near house # 34.</i>
If caused by a blockage, identify the type of blockage (e.g., grease, rags, debris);	<i>Rags, rocks, debris found</i>
If caused by a mechanical, electrical, or structural failure, the date of the last inspection, maintenance, or repair of the failed asset;	<i>NA</i>
Did the release reach any portion of the Town’s Municipal Separate Storm Sewer System (“MS4”).	<b><i>No release to MS4</i></b>

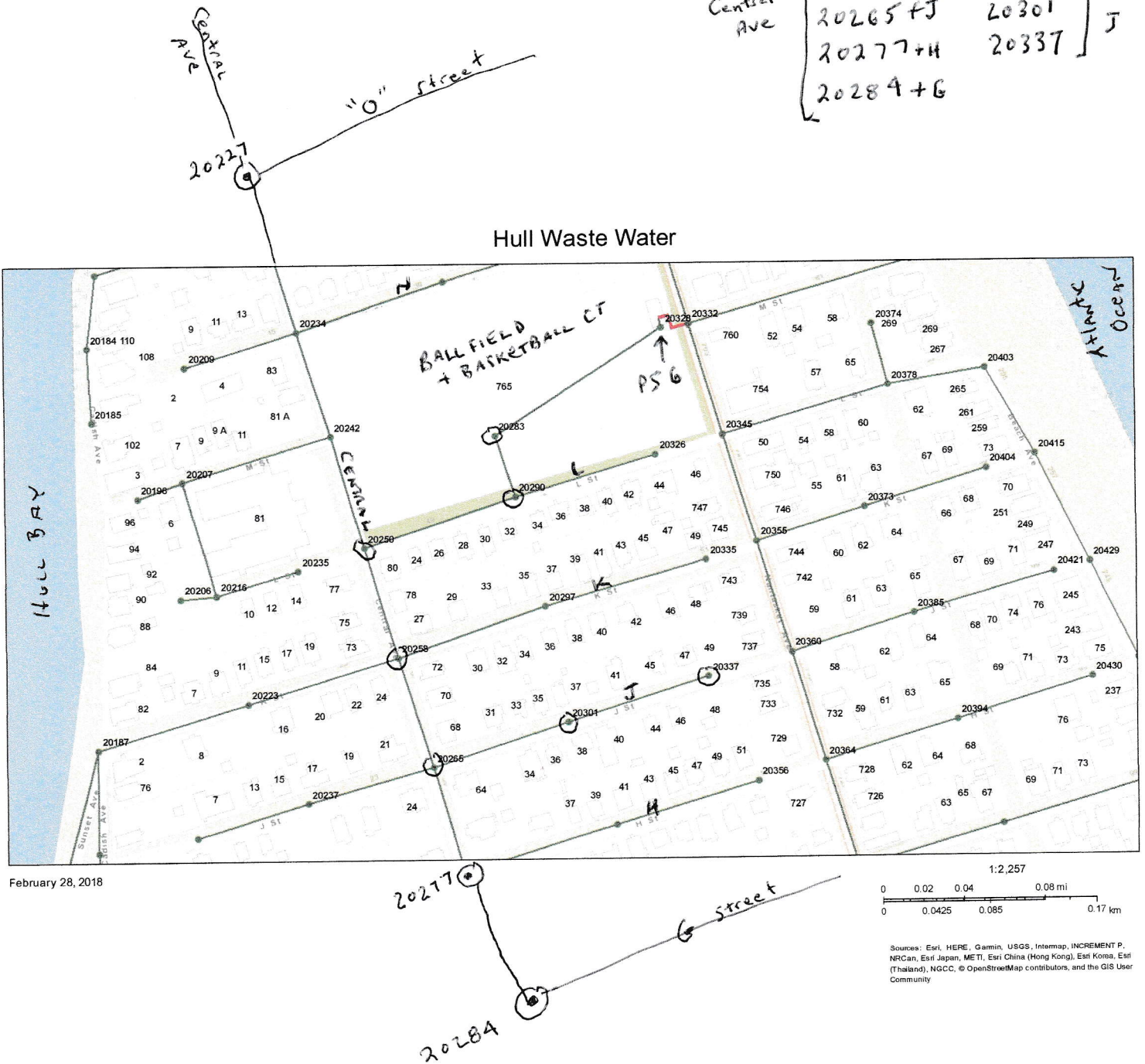
<b>If the release occurred to the ground, provide the location of the nearest down-gradient catch basin and the name of the receiving water to which the catch basin discharges;</b>	<b><i>No release to ground</i></b>
<b>Did the release reach a wetland or surface water? If so, include the name and exact location where?</b>	<b><i>No release</i></b>
<b>Measures taken to minimize the volume and duration of the unauthorized discharge;</b>	<b><i>See corrective action on SSO form</i></b>
<b>Measures taken to clean the area where the unauthorized discharge occurred;</b>	<b><i>Homeowner to contact cleaning company to clean affected area in home, per the Sewer Dept.</i></b>
<b>Corrective actions taken to prevent reoccurrence of unauthorized discharges at the same location;</b>	<b><i>Sewer line jetted and vacuumed out debris from manholes</i></b>
<b>Date of the last unauthorized discharge in the same general location;</b>	<b><i>Unknown</i></b>

MANHOLES inspected

20227+0	20283 - playgr
20250+L	20290 - L
20258+K	20297 - K
20265+J	20301
20277+H	20337
20284+G	

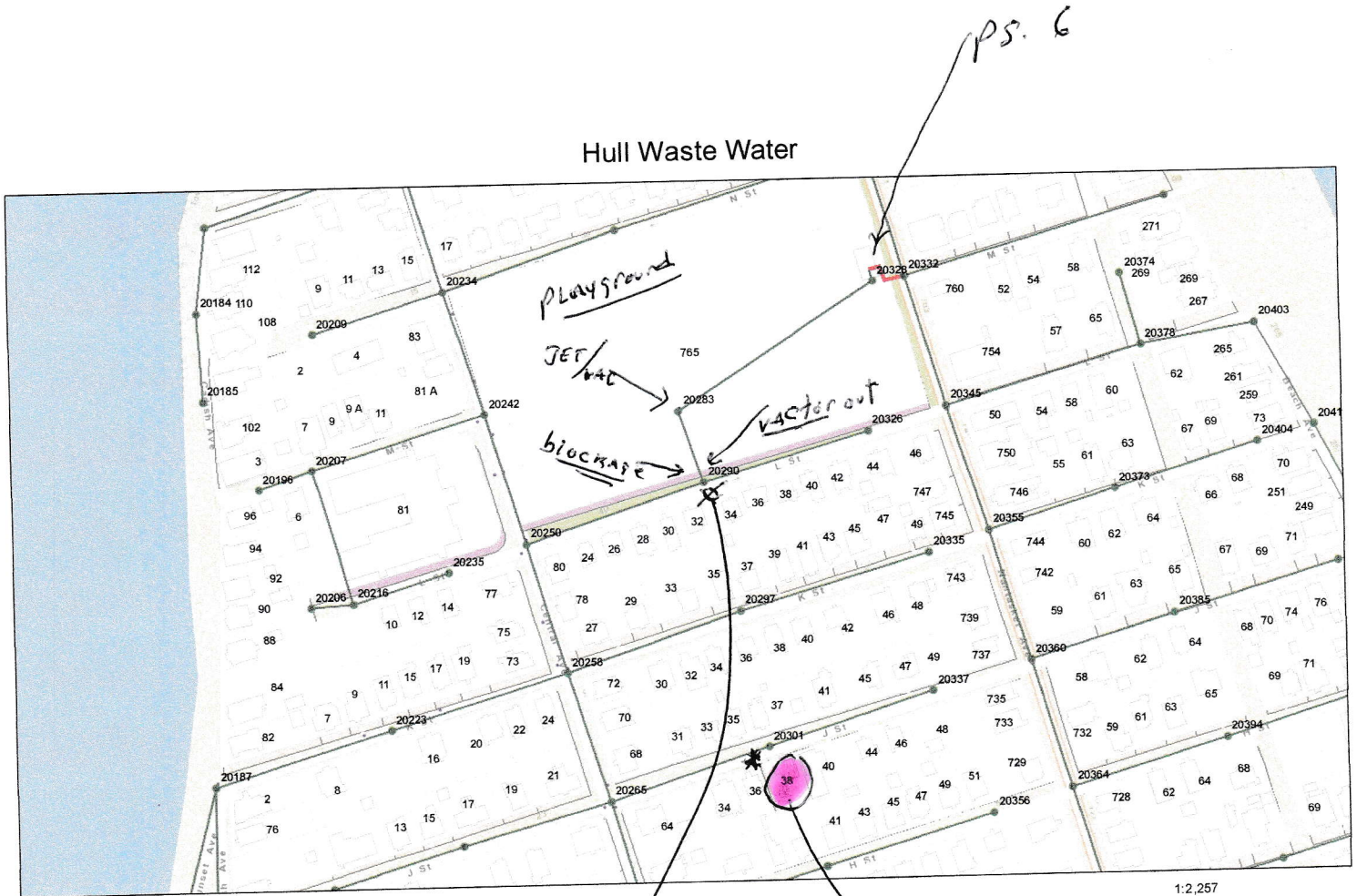
J

Central Ave





2.25.18



TRASH PUMP  
Setup to pump from  
MH 20290 To 20283

JET/VAC MH 20283 To  
20290

Back-up  
into #36 J  
street

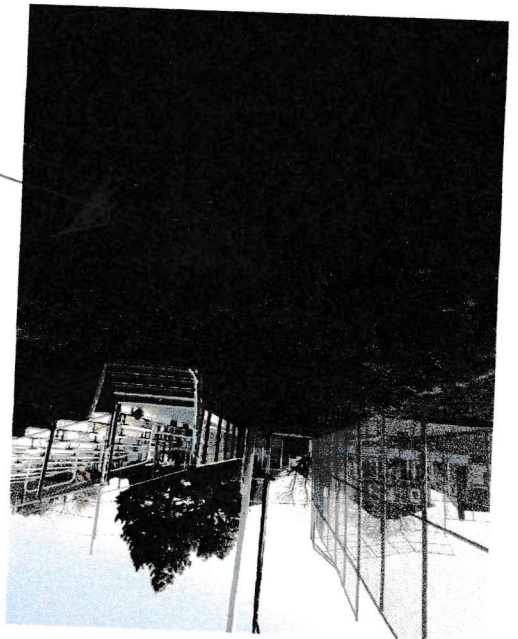




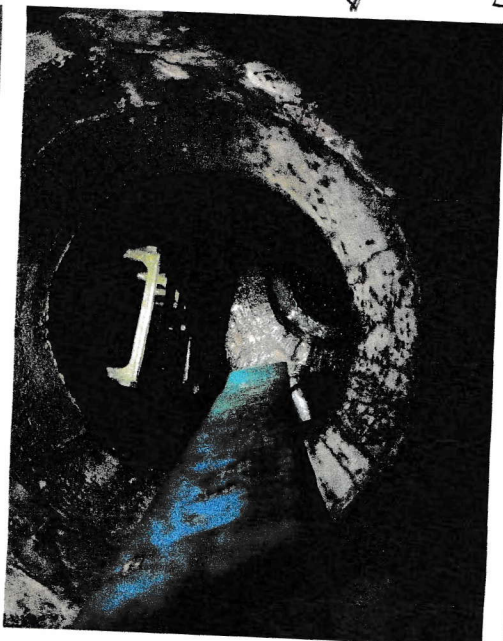
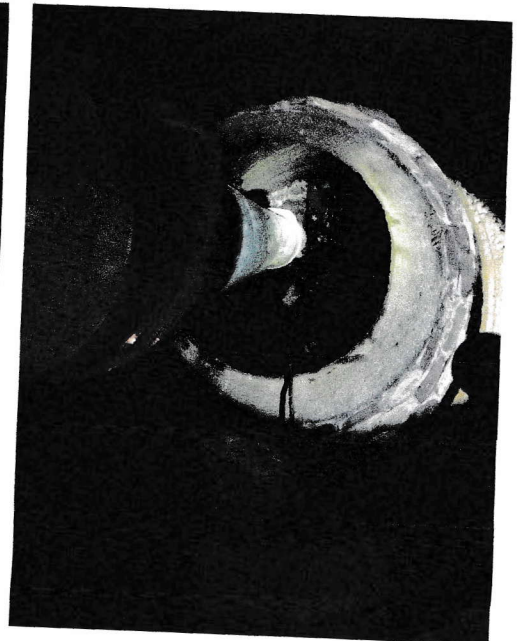
36 J Street  
Homeowner Shower pictures



MH 20283  
 where jetting + vacating done  
 from in playground by  
 basketball court.  
 In background is  
 L street



MH 20290  
 vacating out  
 debris causing  
 blockage  
 After cleaning  
 MH 20296



MH 20296 in  
 street @ 34 L street  
 where blockage was.  
 In background is  
 MH 20283 just  
 past bleacher in  
 playground by  
 Ball court





overview of Area - 36 J street in  
relation to playground.



## Aram Varjabedian

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**From:** Aram Varjabedian  
**Sent:** Monday, February 26, 2018 10:48 AM  
**To:** Berardinelli, Terri; Bill Boornazian; david.burns (david.burns@state.ma.us); Dow, James (jdow@town.hull.ma.us); Frank Cavaleri; jstruzziery (jstruzziery@town.hull.ma.us); jsullivan (jsullivan@town.hull.ma.us); Kate Roosa (kroosa@woodardcurran.com); kbornheim (kbornheim@town.hull.ma.us); Krahforst, Chris (ckrahforst@town.hull.ma.us); Lemnios, Philip (plemnios@town.hull.ma.us); O'Connor, Carol; Robert Scott (rscott@woodardcurran.com); Turin, David (Turin.David@epa.gov)  
**Subject:** RE: Hull, MA - MA0101231 - Preliminary Notification of SSO - 36 L Street, Hull, MA  
**Attachments:** 20180226\_104017\_resized.jpg

Tracking:	Recipient	Delivery	Read
	Berardinelli, Terri		
	Bill Boornazian	Delivered: 2/26/2018 10:48 AM	
	david.burns (david.burns@state.ma.us)		
	Dow, James (jdow@town.hull.ma.us)		
	Frank Cavaleri	Delivered: 2/26/2018 10:48 AM	Read: 2/26/2018 10:51 AM
	jstruzziery (jstruzziery@town.hull.ma.us)		
	jsullivan (jsullivan@town.hull.ma.us)		
	Kate Roosa (kroosa@woodardcurran.com)	Delivered: 2/26/2018 10:48 AM	
	kbornheim (kbornheim@town.hull.ma.us)		
	Krahforst, Chris (ckrahforst@town.hull.ma.us)		
	Lemnios, Philip (plemnios@town.hull.ma.us)		
	O'Connor, Carol		
	Robert Scott (rscott@woodardcurran.com)	Delivered: 2/26/2018 10:48 AM	
	Turin, David (Turin.David@epa.gov)		

Good morning:

I am emailing to inform you that a sewer line blockage on "L" Street in Hull near #34 L Street and adjacent to the playground/PS 6, caused a back-up in the gravity sewer system for that area and affected the #36 "J" Street residence, where sewage backed up into the homeowner's shower. At this time, the preliminary estimated volume is less than 25 gallons into the home, most of which was contained mostly to the shower basin.

The call from homeowner at 36 J Street came in at 1:53pm yesterday, and staff was dispatched to inspect the "J" Street area. Manholes were found to be surcharged and the investigation widened to include Central Ave and "L" Street manholes, and these were also surcharged. All of the sewer lines flow towards the playground and Pump Station #6. The manhole near #34 L Street was

surcharged, and the next downstream manhole towards the pump station and in the playground near the basketball court was dry with no flow.

A number of calls were made for contractor assistance between 3pm and 4pm, with National Water Main Co. available and quickest to respond. In the interim, since no response heard back yet on pump trucks, a 4-inch portable trash pump was set up to pump the surcharged sewage to the dry manhole. The pump was set up and operational for approximately 2 hours. The level of surcharged sewage was greatly reduced by the time that the jet/vac truck arrived at approximately 615pm.

Both pumps at PS 6 eventually clogged and had to be cleaned. This was done while the blockage and jetting of lines were cleared. Accumulated rags were removed from the pumps as well as collected in the vacor truck [approx. 0.5 yds of material].

To date, no additional calls have been made to report any additional issues in this area. All area manholes were rechecked after the problem was resolved last evening.

A full report will be filed in the next couple of days. Should you have any questions, please call me at 781-925-0906.

Sincerely,

Aram

Aram Varjabedian  
Plant Manager  
Hull Wastewater Treatment Facility  
1111 Nantasket Avenue | Hull, MA 02045  
Phone 781.925.0906 | Fax 781.925.3056 | Cell 339.214.8334  
[www.woodardcurran.com](http://www.woodardcurran.com)



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